

HF Happenings 444

South African Radio League 1925 – 2010 Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union Region 1
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27 February, SARL Digital Contest

6 March, SARL Hamnet 40 m Simulated Emergency Contest

12 March, March Madness YL Sprint

19 and 20 March, SARL VHF and UHF Analogue / Digital Contest

30 March, SARL 80 m Club Contest, digital

Find the rules in the 2011 SARL Contest Manual



DXpedition to Southern Sudan

The Intrepid-DX Group and the DX Friends have assembled an outstanding team of amateur radio operators to activate the new country of Southern Sudan to take place on or after 9 July 2011.

The Intrepid-DX Group is the group which brought you the 2010 YI9PSE, Iraq DXpedition. The DX Friends have brought you the 2006 S01R DXpedition to Western Sahara, the 2008 DXpedition to Rwanda as 9X0R, the 2009 DXpedition to Western Sahara as S04R, the 2010 DXpedition to Palestine as E4X and the 2010 DXpedition to San Marino as T70A.

The DX Friends and The Intrepid-DX Group continue to move forward in our planning with representatives of the new Southern Sudan Government and the ITU/IARU. Our official website is now active at <http://www.dxfriends.com/SouthernSudan2011>

At this time, we are not seeking donations or support until we have an official operating permit/license in hand. We will provide an additional Press Release-Update at that time.

Thank you, the Intrepid-DX Group and The DX Friends, <http://www.dxfriends.com/> and <http://www.intrepid-dx.com/>

Look over the new Web page, the ST0 team is composed of the following operators: Dave, K3LP, (Co-Leader), Antonio, EA5RM, (Co-Leader), Paul, N6PSE, (Co-Leader), Roberto, EA2RY, Hrane, YT1AD, Manolo, EA7AJR, Krassy, K1LZ, Jose, EA7KW, Bob, N6OX, Flo, F5CWU, Jun, JH4RHF, Bernard, F9IE, Dmitri, RA9USU, Fabrizio, IN3ZNR, Al, K3VN, Valery, UT7CR, Bill, N2WB, and Dave, AH6HY. The Pilots are Chuck, AA6G - USA Pilot, Toshi, JA1ELY - JA Pilot and Col, MMONDX - EU Pilot.

What have you done today for Amateur Radio to make you proud?





February 2011

12 & 13 - SARL National Field

Day; CQ WW RTTY WPX Contest; Dutch PACC Contest

14 - Valentine's Day

19 & 20 - ARRL International DX CW Contest

25 to 27 - CQ 160-Metre SSB Contest

27 - SARL Digital Contest

26 & 27 - UBA DX CW Contest; North American RTTY QSO Party

March 2011

5 & 6 - ARRL International DX SSB

6 - DARC 10-Metre Digital

6 - SARL Hamnet 40 m Simulated Emergency Contest

8 - International Women's Day (not in South Africa)

11 & 12 - SARL Strategic Indaba, Gauteng

12 - March Madness YL Sprint

12 & 13 - RSGB Commonwealth Contest

13 - North American RTTY Sprint

14 - Commonwealth Day

17 - St Patrick's day

19 - Programming in Windows, Cape Town

19 & 20 - SARL VHF and UHF Analogue / Digital Contest

19 to 21 - BARTG HF RTTY Contest

21 - Human Rights Day; Spring Equinox

22 - World Water Day

23 - World Meteorological Day

25 - Inland schools close

26 - SA AMSAT Symposium, Gauteng

26 & 27 - CQ WW WPX SSB Contest

30 - SARL 80 m Club Contest, digital

For the Ladies - YL International 2012 Adelaide

This was received from Tina Clogg, VK5TMC, President of the Australian Ladies Amateur Radio Association (ALARA) and YL International Organiser.

The organisation of the YL International 2012 Meet in Adelaide is almost complete. The meet dates are set with delegates arriving on or before 3 May 2012 staying at various venues in Glenelg. The next few days will see us tour Adelaide, Hahndorf, Cleland National Park, Port Adelaide including a Dolphin cruise and a progressive lunch at three Barossa Valley wineries. Those that are doing the optional Ghan tour will join it for either a 7 or 9-day adventure. The 7-day option allows you to leave the tour in Alice Springs after being out to Uluru and the 9-day tour finishes in Darwin.

I have created a website with detailed up to date information, which is at

www.ylinternational2012.com

The Meet is open to YLs and their OMs. You do not have to be a member of any organisation or even licensed but should be interested in amateur radio. Most participants are active on air but that is not a requirement for attendance. If you are interested in attending please complete the online expression of interest form, registration form or contact me directly. My contact details are below. The list of potential participants is growing and at the moment there are 60 who have expressed interest.

Registration and deposits are due by September 2011.

I should have final prices for the Adelaide Meet about April but the Ghan prices will not be released until June or July. Current estimates are on the web site. An expression of interest from you would help with planning.

I hope many of you will consider joining us for a great time in Adelaide and possibly on the Ghan.

33, Tina Clogg, VK5TMC, President ALARA and YL International Organiser.

vk5tmc@bigpond.com, PO Box 78, O'Halloran Hill, SA, Australia 5158, Mobile phone: +61 447 812 822

Transatlantic Amateur Radio balloon to use 7,102 MHz USB

Speedball-1 is attempting to become the first





Amateur Radio balloon to cross the Atlantic and it'll be transmitting RTTY and DominoEX on a USB dial frequency of 7,102 MHz.

The signal will be on 7,1035 MHz and the transmitter will alternate between 110 bps RTTY and DominoEX. The free software DL-FLDIGI can be used to decode it.

The launch will take place at 01:00 UTC from Space Port Indiana, in Columbus, Indiana, in the next couple of days. You can sign up for a launch notification announcement on the right-hand side of the home page at <http://whitestarballoon.org/>. The HF Payload details can be seen at

<http://wiki.whitestarballoon.com/doku.php?id=hardware:radio:hf:wb8elkwhitestarn17>

Free DL-FLDIGI software on the GitHub page of James Coxon, M6JCX,

<https://github.com/jamescoxon/dl-flldigi/downloads> also <http://ukhas.org.uk/projects/dl-flldigi>

Across The Atlantic on 502 kHz

At 21.34 UTC on 13 February, Joe, VO1NA managed a full beacon decode from Graham, GONBD on 502 kHz using the ROS mode.

It is believed this was the first live data mode decoded over the Atlantic on this band. The signal to noise ranged from -23 to -27 dB, giving a 100% decode of the test message. The transmission was sent using MF-7 with an estimated ERP of 1 watt from a 35 ft top loaded vertical.

ROS mode did a good job of resolving the signals despite deep and rapid QSB over the 3500 km path. At just over a year old the ROS data mode is relatively new and uses an adaptation of multiple frequency shift keying and forward error correction to help make successful contacts under very difficult band conditions.

The software for the mode is completely free and more information can be found via the ROS website, <http://rosmodem.wordpress.com>.

International Marconi Day (from Ireland)

International Marconi Day takes place this year on Saturday 30 April. The Howth Martello Radio Group will be participating once again as an award station using the call sign EIOMAR. This is not a contest but there are several nice awards available for working the officially listed stations, each of which has an historic connection with Marconi. The event is organised by the Cornish Amateur Radio Club. For more information, please visit the club's website at <http://crac.q4usb.net/cracblog/>.

EIOMAR operates from the Martello Tower overlooking the East Pier in Howth. The tower now houses a vintage radio museum. In 1905 the British Post Office carried out wireless telegraphy experiments at the tower in Howth using Marconi equipment.

Visitors are always welcome at the museum and the group hopes to see many visitors during the IMG event in April. The HMRG's website is www.eiOmar.org where a free information booklet in PDF format can be downloaded.

The North Cork Radio Group are pleased to announce that they will be active from the Marconi Signal Station at Goleen, Mizen Head, West Cork, where Marconi sent many of his first test transmissions to America.

Further details will be posted nearer the event, however, please pencil the day free if you'd like to attend or work the station. The Official call sign for the event will be EI0IMD and it is hoped we will be excepted on the official International Marconi Day Awards Program.

Beam Headings





Pat, KCØZIW, recommends an outstanding tool for finding the correct beam heading and distance <http://www.njdx.org/dx-tools/beam-headings.php> for DX countries that is also a good prefix reference. Just follow the instructions on the web page.

African DX

Uganda, 5X. Nick, G3RWF, will be active again as 5X1NH from Uganda from 19 February for eight weeks. He will operate CW, SSB and RTTY on 80 - 10 metres (neither 160 nor 6 metres). QSL via home call, direct or bureau, and LoTW.

Senegal, 6W. Luc, F5RAV, will operate again as 6V7T from Senegal from 26 February to 7 March, including activity during the French HF Championship (SSB) and the ARRL DX SSB Contest. QSL via home call, direct only.

Liberia, EL. The next DXpedition by the I2YSB team will take place from Liberia between 31 March and 13 April. The call sign will be announced at a later date. The team will consist of Silvano, I2YSB, Vinicio, IK2CIO, Angelo, IK2CKR, Marcello, IK2DIA, and Stefano, IK2HKT. The pilot station will be Art, IK7JWY. The group plans to use 3 stations for the HF bands and one other for the 50 MHz band (w/beacon and cubical quad antenna). Activity will be on 80 - 6 metres using CW, SSB and RTTY. An online log will be provided by IH9GPI. QSL via I2YSB. The official Web site is at <http://www.i2ysb.com>. Official forum (for any comment, suggestion or to contact the pilot) is available at <http://www.hamradioweb.org/forums>

Ghana, 9G. Rob, PA3DEW, and Vincent, PA3FQX, are going to work again for the "Dorma Ahenkro Hospital" from 1 - 20 March. During this time, they will be active as 9G1AA mostly on SSB on 20 and 15 m. QSL via PA3ERA.

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 21 to 28 February 2011.

RSGB 80 m Club Championship, CW
20:00 - 21:30 UTC 24 February
Mode: CW
Bands: 80 m Only
Classes: (none)
Exchange: RST and serial no
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: (see rules)
Submit logs by: 23:59 UTC 3 March 2011
Upload log at:
<http://www.rsgbcc.org/cgi-bin/hfenter.pl>
Mail logs to: (none)
Find rules at:
<http://www.rsgbcc.org/hf/rules/2011/r80mc.c.shtml>

QRP Fox Hunt
02:00 - 03:30 UTC 25 February
Mode: CW
Bands: 40 m Only
Classes: Single Op (Fox/Hound)
Max power: 5 watts
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC 26 February 2011
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
http://www.qrpfoxhunt.org/winter_rules.htm





NCCC Sprint Ladder

02:30 - 03:00 UTC 25 February

Mode: CW

Bands: 160, 80, 40 and 20 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO;
non-NA station: 1 point per QSO with an NA
station

Multipliers: Each US state (including KL7 and
KH6) once per band; Each VE province once
per band; Each North American country (ex-
cept W/VE) once per band

Score Calculation: Total score = total QSO
points x total mults

Submit logs by: 27 February 2011

E-mail logs to: (none)

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

CQ 160-Metre SSB Contest

22:00 UTC 25 February to 21:59 UTC 27
February

Mode: SSB

Bands: 160 m Only

Classes: Single Op - QRP, Low or High; Single
Op Assisted - High; Multi-Op

Max operating hours: Single Op: 30 hours;
Multi-Op: 40 hours

Max power: HP: >150 watts; LP: 150 watts;
QRP: 5 watts

Exchange: W/VE: RS and state or province;
DX: RS and CQ Zone

QSO Points: 2 points per QSO with own coun-
try; 5 points per QSO with other countries on
same continent; 10 points per QSO with other
continents; 5 points per QSO with maritime
mobile

Multipliers: Each US state (excluding
KH6/KL7); Each VE area; Each DXCC country
(including KH6/KL7)

Score Calculation: Total score = total QSO
points x total mults

Submit logs by: 31 March 2011

E-mail logs to: 160ssb@kkn.net

Mail logs to: CQ 160-Meter Contest, 25 New-
bridge Road, Hicksville, NY 11801, USA

Find rules at:

[http://cq-amateur-
ra-
dio.com/cq_contests/cq_ww_160_meter_con
test/cq_ww_160_meter_contest_rules/2011
cq_ww_160_meter_contest_rules.pdf](http://cq-amateur-ra-dio.com/cq_contests/cq_ww_160_meter_contest/cq_ww_160_meter_contest_rules/2011_cq_ww_160_meter_contest_rules.pdf)

REF SSB Contest

06:00 UTC 26 February to 18:00 UTC 27
February

Mode: SSB

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op All Band - QRP, Low or
High; Single Op Single Band - QRP, Low or
High; Multi-Single - QRP, Low or High; Club;
SWL

Max operating hours: Single Op: 28 hours in
no more than 3 increments of at least 1 hour
each

Max power: HP: >100 Watts; LP: 100 Watts;
QRP: 5 Watts

Exchange: French: RS and Depart-
ment/Prefix; non-French: RS and serial no

Work stations: Once per band

QSO Points: French: 6 points per QSO with
French station same continent; French: 15
points per QSO with French station on dif-
ferent continent; French: 1 point per QSO
with non-French station same continent;
French: 2 points per QSO with non-French
station on different continent; non-French: 1
point per QSO with French station same con-
tinent; non-French: 3 points per QSO with
French station on different continent

Multipliers: French/Corsica departments once
per band; French overseas prefixes once per
band; non-French DXCC countries once per
band (available only to French stations)

Score Calculation: Total score = total QSO
points x total mults

Submit logs by: 29 March 2011

E-mail logs to: cdfssb@ref-union.org

Mail logs to: F6IRF, Destrem Patrick, Route
de Peignat, F-74150 Marcellaz Albanais,
France





Find rules at:

http://concours.ref-un-ion.org/reglements/actuels/reg_cdfhfdx.pdf

UBA DX CW Contest

13:00 UTC 26 February to 13:00 UTC 27 February

Mode: CW

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op All Band - Low or High; Single Op Single Band - Low or High; Single Op QRP; Multi-Single; SWL

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: ON: RST, serial no and province; non-ON: RST and serial no

Work stations: Once per band

QSO Points: 10 points per QSO with Belgian station; 3 points per QSO with other EU stations; 1 point per QSO with non-EU stations

Multipliers: Each Belgian province once per band; Each Belgian prefix once per band; Each EU DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 13 March 2011

E-mail logs to: ubacw@uba.be

Mail logs to: UBA HF Manager, Carine Ramon, ON7LX, Bruggesteeweg 77, B-8755 Ruiselede, Belgium

Find rules at:

http://www.uba.be/sites/default/files/uploads/hf_contests/ubatest_dx.pdf

Mississippi QSO Party

15:00 UTC 26 February to 03:00 UTC 27 February

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 and VHF/UHF

Classes: Single Op; Mobile; Portable

Exchange: MS: RS(T) and county; non-MS: RS(T) and state, province or country

Work stations: Once per band per mode

QSO Points: 1 point QSO

Multipliers: MS stations: Each MS county, state, province and DXCC country; Non-MS stations: Each MS county

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 March 2011

E-mail logs to: w5xx@vicksburg.com

Mail logs to: Vicksburg ARC, 64 Lake Circle Drive, Vicksburg, MS 39180, USA

Find rules at:

<http://www.arrlmiss.org/2011MsQSOPartyRules.pdf>

North American RTTY QSO Party

18:00 UTC 26 February to 06:00 UTC 27 February

Mode: RTTY

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op - QRP or Low; Multi-Two - Low

Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours

Max power: LP: 100 watts; QRP: 5 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 12 March 2011

Upload log at:

<http://www.ncjweb.com/naqlogssubmit.php>

Mail logs to: Mark Aaker, K6UFO, 300 Berry St., Unit 1009, San Francisco, CA 94158-1668, USA

Find rules at:

<http://www.ncjweb.com/naqprules.php>

North Carolina QSO Party

17:00 UTC 27 February to 03:00 UTC 28 February

Mode: CW, SSB

Bands: 80, 40, 20, 15 and 10 m





Classes: Single Op Mixed - NC or non-NC; Single Op SSB - NC or non-NC; NC Mobile; NC Club Mixed; NC Club SSB; Single Op QRP - NC or non-NC

Exchange: NC: County; non-NC: state, province or country

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 3 points per CW QSO; 3 points per NC mobile QSO (regardless of mode)

Bonus Points: 50 points for at least one QSO with Cherokee or Dare counties, 150 points for both; 50 points for at least one QSO with W4NC or W4WS, 150 points for both; Bonus Points for NC Mobiles: 100 points for each county activated

Multipliers: NC stations: Each NC county, state, province, and one DXCC country once; Non-NC stations: Each NC county once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 1 April 2011

E-mail logs to: ncqp@w4nc.org

Mail logs to: NC QSO Party, c/o Henry Heidtmann W2DZO, 8812 Merry Hill Court, Lewisville, NC 27023, USA

Find rules at:

<http://www.w4nc.com/2011ncqsoparty.html>

CQC Winter QSO Sprint

01:00 - 02:59 UTC 28 February

Mode: CW

Bands: 80, 40 and 20 m

Classes: (none)

Max power: 5 watts

Exchange: Member: RST, state, province or country, name and CQC member no; non-

Member: RST, state, province or country, name and power

Work stations: Once per band

QSO Points: 4 points per QSO with non-member; 6 points per QSO with member

Bonus: 1000 points for one or more QSOs with W0CQC

Multipliers: Each state/province/country once per band

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 30 March 2011

E-mail logs to: ki0rb@arrl.net

Mail logs to: (none)

Find rules at:

<http://www.cqc.org/contests/winter11.htm>

Next Week's Contests

QRP Fox Hunt, 02:00 - 03:30 UTC 2 March

QRP Fox Hunt, 02:00 - 03:30 UTC 4 March

ARRL International DX SSB Contest, 00:00 UTC 5 March to 24:00 UTC 6 March

Open Ukraine RTTY Championship, 20:00 - 21:59 UTC 5 March (Low Band); 22:00 - 23:59 UTC 5 March (Low Band) and 08:00 - 11:59 UTC 6 March (High Band)

SARL Hamnet 40 m Simulated Emergency Contest, 12:00 to 14:00 UTC 6 March

RSGB 80 m Club Championship, Data, 20:00 - 21:30 UTC 7 March

ARS Spartan Sprint, 02:00 - 04:00 UTC 8 March

History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 21 February 2011.

1685 - George Frederic Handel is born

1804 - George Rex, founder of Knysna, sells his house in Cape Town and settles at Melkhoutkraal near Knysna

1804 - Trevithick shows first self-propelled railway locomotive





- 1836 - Colt patents his revolver
- 1839 - Steam shovel patented by William Otis, Philadelphia
- 1854 - The Bloemfontein Convention for the establishment of the Orange Free State is signed
- 1877 - The Afrikaans author Totius (Jacob Daniel du Toit) is born
- 1878 - First telephone directory New Haven, Connecticut USA
- 1886 - Aluminium manufacturing process developed
- 1886 - The first gold (61 ounces) is sent from Kromdraai, Krugersdorp to the Standard Bank in Pretoria
- 1909 - A post office is opened in the mining town of Kolmanskop in German South West Africa
- 1910 - First radio contest held (Philadelphia)
- 1917 - The SS Mendi sinks in the English Channel after colliding with the SS Darro. More than 600 black South African soldiers die.
- 1935 - Radar first demonstrated by Robert Watson-Watt, UK
- 1945 - American soldiers hoist their flag on the island of Iwo Jima
- 1948 - Edwin Land shows the first instant camera that develops its own photos. Land is the inventor

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

SARL Digital Contest

1. Aim. To establish as many contacts as possible between radio amateurs in Southern Africa using the PSK31 / RTTY mode. The contest is open to all radio amateurs in Southern Africa (General Rules 1.b)

2. Date and Time

Last Sunday in February - 27 February 2011

Last Sunday in May - 29 May 2011

Third Sunday in August - 21 August 2011

Last Sunday in November - 27 November 2011

13:00 UTC to 16:00 UTC [15:00 to 18:00 CAT]

3. Bands

80 metres [3 580 to 3 600 kHz]

40 metres [7 040 to 7 060 kHz]

20 metres [14 070 to 14 099 kHz]

PSK31 is preferred at the lower end of the specified frequencies. RTTY is preferred at the upper end of the specified frequencies. Please note that USB must be used at all times. Refer to (General Rules 16)

4. Contacts. A station may be contacted twice on each band once on RTTY, once on PSK31.

What have you done today for Amateur Radio to make you proud?





5. Exchange. Signal report plus a sequential serial number starting at 001

6. Points

Contacts with stations listed in (General Rules 1.b) are worth 3 points.

Contacts with stations NOT listed in (General Rules 1.b) are worth 1 point.

7. Multiplier. The first contact with each area listed below will be used as a band multiplier.

Area 1: ZS1; Area 2: ZS2; Area 3: ZS3; Area 4: ZS4; Area 5: ZS5; Area 6: ZS6; Area 7: 3DA, 7P, 7Q, 9J, C9, A2, D2, V5, Z2, ZD7, ZD9, ZS7, ZS8, FR, 3B8, 5R, FH and D6; Area 8: Stations in the rest of the world.

8. Scoring. Band total = QSO points x number of call areas worked per band. The final score = sum of the band totals.

9. Sponsor. Logs shall be submitted within 7 days after the contest and can be sent by mail to The West Rand Amateur Radio Club, PO Box 5344, Weltevredenpark, 1725 or by e-mail to contest@sarl.org.za

SARL Hamnet 40 m Simulated Emergency Contest

Aim. This SSB Contest is open to all Radio Amateurs in South Africa, Namibia, Botswana, Zimbabwe, Swaziland, Mozambique, Lesotho, Marion Island and South African Antarctica. Only contacts with these areas will count.

Date and Time. First Sunday of March from 12:00 to 14:00 UTC [14:00 to 16:00 CAT]. [6 March 2011]

Frequencies. It is a phone contest in the band segments 7060 to 7100 kHz and 7130 to 7200 kHz.

Categories

- a. Single operator stationary mobile
- b. Single operator portable
- c. Multi-operator portable
- d. Single operator base station

Antennas. Antennas are limited to antennas with less than unity gain relative to a dipole. Stationary Mobile stations shall use antennas that rely solely on their vehicles for support and shall not exceed a height of 5 metres above ground. Portable station antennas may not be erected and in-stalled before the day of the contest and no permanent manmade structure may be used to either house equipment or for antenna supports.

Power. Stationary Mobile and Portable stations shall operate from the same site for the duration of the contest and all power used shall comply with the requirements for Field Stations in the general rules.

Exchange. Signal report followed by a three-figure number as follows:

Category a: Starting with 201 for the first contact

Category b: Starting with 401 for the first contact





Category c: Starting with 601 for the first contact
Category d: Starting with 801 for the first contact
Non-participants start with 001 for the first contact

Scoring. Scoring consists of points accumulated from all contacts, multiplied by a multiplier.

Contact with a station in:

Category a, b and c in own area 3 points

Category a, b and c in another area 4 points

Category d or non-participant in own area 1 point

Category d or non-participant in other area 2 points

Areas are as defined in the following list:

Area 1: ZS1

Area 2: ZS2

Area 3: ZS3

Area 4: ZS4

Area 5: ZS5

Area 6: ZS6

Area 7 (eastern group): 3DA, 7P, C9, Z2, ZS8

Area 8 (western group): A2, V5, ZS7

The multiplier consists of the number of call areas worked, multiplied by a power multiplier. The power multiplier is 2 for an output power of over 50 W PEP, and 3 for an output power of less than 50 W PEP.

Sponsor. Hamnet Eastern Cape, Al Akers, ZS2U, 53 Clarence Street, Westering, Port Elizabeth, 6025. E-mail: contest[at]pears[dot]ham-radio-op[dot]net. Closing date for log submission 13 March 2011

